

ABSTRACT OF THE DISCLOSURE

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An installation, insulation displacement, and terminating power tool, for inserting electrical wires into, and for electrically connecting the electrical wires to electrical contact members disposed within, an electrical connector, comprises a three-chamber pneumatic driving section for developing an enhanced level of driving force necessary for inserting and terminating the electrical wires into and upon the electrical connector, a quick-release mechanism for mounting a punch or die set holder upon the driving section so as to enable the quick exchange or replacement of the particular punch or die set, a quick insertion system for mounting the driving section-punch or die set holder assembly upon the base fixture or framework, and primary and secondary means for accurately positioning both the electrical connector and an associated pin header upon the base fixture or framework wherein the pin header is also used for integrity verification of the electrical circuits defined between the installed electrical wires and the electrical contact members of the electrical connector.